

On pg. 7, line 13:

N/E

FIG. 2A to 2H shows the restriction enzyme analysis of nucleotide sequence encoding the *C. pneumoniae* 98 kDa putative outer membrane protein gene.

On pg. 16, line 17:

N/E

Preferably, a prokaryotic host such as *E. coli* is used. Bacterial and eukaryotic cells are available from a number of different sources to those skilled in the art, e.g., the American Type Culture Collection (ATCC; 10801 University Boulevard, Manassas, VA 20110-2209).

In the claims:

Please cancel claim 17 and amend the remaining claims as follows:

3. (Amended) The polynucleotide of claim 2 wherein the fusion polypeptide is a heterologous signal peptide.
4. (Amended) The polynucleotide of claim 2 wherein the polynucleotide encodes a functional fragment of the polypeptide having the SEQ ID NO: 2.
18. (Amended) The host cell of claim 12, wherein said host cell is a prokaryotic cell.
19. (Amended) A pharmaceutical composition, comprising an immunologically effective amount of the vaccine vector of claim 16.
28. (Amended) A polynucleotide probe reagent capable of detecting the presence of *Chlamydia* in a biological material, comprising a polynucleotide that hybridizes to the polynucleotide of claim 1 under stringent conditions.
38. (New) The host cell of claim 14, wherein said eukaryotic cell is a mammalian cell.
39. (New) The host cell of claim 38, wherein said mammalian cell is a human cell.